

Detailed Claim Listing

The following is a detailed listing of all claims that are, or were, pending in the present application. Please amend claims 9 and 10 as set forth in this detailed listing.

1. (Original) An isolated polypeptide comprising the amino acid sequence of SEQ ID NOs: 2 or 3.

2. (Original) The polypeptide of Claim 1 wherein the sequence of the polypeptide is SEQ ID NOs: 2 or 3.

3. (Withdrawn) An isolated polynucleotide comprising a nucleotide sequence sharing at least 70% homology to a nucleotide sequence selected from the group consisting of:

- (a) a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NOs: 2 or 3;
- (b) the polynucleotide complementary to nucleotide sequence of (a).

4. (Withdrawn) The polynucleotide of Claim 3 which encodes a polypeptide comprising the amino acid sequence of SEQ ID NOs: 2 or 3.

5. (Withdrawn) A vector containing the polynucleotide of Claim 3.

6. (Withdrawn) A genetically engineered host cell comprising the vector of Claim 5.

7. (Previously Presented) A method for producing a polypeptide having the activity of Bin1b protein and comprising the amino acid sequence of SEQ ID NOs: 2 or 3, which comprises:

- (a) culturing a host cell comprising a vector under the expression conditions, said vector containing a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NOs: 2 or 3;

(b) isolating the polypeptides having the activity of Bin1b protein from the culture.

8. (Withdrawn) An antibody specifically bound with the Bin1b polypeptide of Claim 1.

9. (Currently Amended) A pharmaceutical composition comprising ~~a safe and efficient amount of the polypeptide of Claim 1 and~~ a pharmaceutically acceptable carrier and from about 1 ug to about 5 mg/kg body weight per day of the polypeptide of Claim 1.

10. (Currently Amended) ~~A microbicide comprising an antimicrobially efficient amount of~~ The use of the polypeptide of Claim 1 as a microbicide.

11. (Previously Presented) The polypeptide of Claim 1 which is encoded by a polynucleotide selected from the group consisting of (a) 57-260 of SEQ ID NO:1; (b) 105-260 of SEQ ID NO:1; and (c) 1-336 of SEQ ID NO:1.